INFORMATION SHEET

ORDER NO. _____
WASTE DISCHARGE REQUIREMENTS
CITY OF CLOVIS
FOR OPERATION
CITY OF CLOVIS MUNICIPAL SOLID WASTE LANDFILL
FRESNO COUNTY

The City of Clovis (Discharger) owns and operates a municipal solid waste landfill about eight miles north of the City of Clovis. The facility consists of a 23-acre inactive unlined unit, a seven-acre active clay-lined unit, and an active composite-lined unit covering 22 acres.

The facility is in a topographically hummocky region of the Sierra Nevada foothills, within the Berenda Creek Hydrologic area of the San Joaquin River Basin. It is between the Friant Kern Canal along the northern border of the facility property and Little Dry Creek to the south. Soils underlying the facility are interbedded silty-clay, silty-clayey-sand, and gravelly-cobbly-sand overlying fractured bedrock. The estimated hydraulic conductivity of the native soils underlying the waste management unit range between 3×10^{-4} and 1×10^{-3} cm/sec. Groundwater occurs at a depth of 40 to 80 feet below ground surface. Groundwater quality is monitored by 18 monitoring wells located adjacent to and downgradient of the unlined and lined portions of the site. The groundwater gradient in the area of the site is about 15 feet per 1,000 feet toward the southwest. The quality of underlying groundwater is variable with electrical conductivity ranging from 300 to 1,000 µmhos/cm.

The Discharger is in the process of removing the existing inactive unlined waste management unit, which includes the excavation and mechanical sorting of solid waste from soils within the unlined cell as a means of mitigating known landfill releases and to provide additional soil needs for landfill operations. Excavation of the unlined unit is proceeding in an easterly direction from the west end and will continue until the entire unlined waste cell is removed. The Discharger proposes to begin constructing a composite liner system in the place of the former unlined waste management unit once the unlined unit has been removed. The Discharger also proposes to expand the active composite-lined waste management unit for the discharge of municipal and industrial solid waste to an area of 19 acres east of the existing composite-lined unit.

The Discharger has proposed to begin accepting specific types of designated wastes at the facility, including: contaminated soil; dried water treatment plant sludge; and grit screenings. However, the Discharger has not submitted a liner performance demonstration for the containment of designated and nonhazardous wastes. In addition, the Discharger has not submitted a demonstration that construction of a single-composite liner system will meet the performance standard for either a Class II or Class III landfill contained in §20310 of Title 27. Therefore, this order prohibits the construction of lateral expansion liner systems.

Volatile organic constituents were first detected in groundwater when the detection monitoring wells were installed and continue to be detected sporadically in the detection monitoring wells at

concentrations just above primary water quality standards. Evaluation monitoring has confirmed the presence and determined the extent of groundwater degradation by non-naturally occurring waste constituents. This order requires the Discharger to complete evaluation monitoring of the naturally occurring inorganic waste constituents, submit a final engineering feasibility study for corrective action, and submit an amended report of waste discharge to establish a corrective action program.

The action to update WDRs for this facility is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et seq.), in accordance with 14 CCR, Section 15301.

DEE:dee/rac:8/18/2005